

Application No.: 10/763,727

Amendment and RCE dated: October 3, 2006

Reply to Office Action dated: February 3, 2006

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AMENDMENTS TO THE CLAIMS

1-9 (Cancelled)

10. (Previously Presented) An actuator component comprising:

at least one layer of electrically-conductive material; and

at least one layer of electrically-insulative material, wherein

said conductive material and said insulative material are to be applied to an actuator

finger one layer upon another in an alternating manner, and

said layer of insulative material is wider than said layer of conductive material such that an insulative layer, applied to said actuator finger and sandwiching a conductive layer between said insulative layer and said actuator finger, at least partially encloses and electrically isolates said conductive layer latitudinal to said actuator finger.

11. (Previously Presented) The actuator component of claim 10, wherein said conductive material is a metal.

12. (Previously Presented) The actuator component of claim 11, wherein said conductive material is from the group consisting of Gold, Platinum, and Copper.

13. (Previously Presented) The actuator component of claim 10, wherein said insulative material is a piezoelectric ceramic material.

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14. (Previously Presented) The actuator component of claim 13, wherein said insulative material is lead zirconate titanate.
15. (Previously Presented) The actuator component of claim 10, wherein said actuator finger is a hard disk drive micro-actuator finger.
16. (Previously Presented) A piezoelectric actuator comprising:
an actuator finger to receive application of at least one layer of electrically-conductive material and at least one layer of electrically-insulative material, said application being one layer upon another in an alternating manner, wherein
said layer of insulative material is wider than said layer of conductive material such that an insulative layer, applied to said actuator finger and sandwiching a conductive layer between said insulative layer and said actuator finger, at least partially encloses and electrically isolates said conductive layer latitudinal to said actuator finger.
17. (Previously Presented) The piezoelectric actuator of claim 16, wherein said conductive material is a metal.
18. (Previously Presented) The piezoelectric actuator of claim 17, wherein said conductive material is from the group consisting of Gold, Platinum, and Copper.

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19. (Previously Presented) The piezoelectric actuator of claim 16, wherein said insulative material is a piezoelectric ceramic material.

20. (Previously Presented) The piezoelectric actuator of claim 19, wherein said insulative material is lead zirconate titanate.

21. (Previously Presented) The piezoelectric actuator of claim 16, wherein said actuator finger is a hard disk drive micro-actuator finger.

22-28 (Cancelled)